

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2274753	Tube or conduit or cylinder or hose or pipe or straw or piping or hollow	US-PGPUB; USPAT	OR	ON	2008/09/22 11:17
S2	1128060	polymer or poly\$imide or pi or fluorine or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/09/22 11:26
S3	112162	S1 same S2	US-PGPUB; USPAT	OR	ON	2008/09/22 11:26
S4	55434	S1 with S2	US-PGPUB; USPAT	OR	ON	2008/09/22 11:27
S5	77946	(polymer or poly\$imide or pi or fluorine or poly adj imide) near resin	US-PGPUB; USPAT	OR	ON	2008/09/22 11:27
S6	492048	S1 and S2	US-PGPUB; USPAT	OR	ON	2008/09/22 11:28
S7	34213	S5 and S6	US-PGPUB; USPAT	OR	ON	2008/09/22 11:28
S8	10360	S3 and S5	US-PGPUB; USPAT	OR	ON	2008/09/22 11:29
S9	5546	S4 and S5	US-PGPUB; USPAT	OR	ON	2008/09/22 11:29
S10	39346	(poly\$imide or pi or fluorine or poly adj imide) near resin	US-PGPUB; USPAT	OR	ON	2008/09/22 11:38
S11	945	S10 with S1	US-PGPUB; USPAT	OR	ON	2008/09/22 11:38
S12	2357	((poly\$imide or pi or poly adj imide) and fluorine) near resin	US-PGPUB; USPAT	OR	ON	2008/09/22 11:40
S13	1142	S12 and S1	US-PGPUB; USPAT	OR	ON	2008/09/22 11:40
S14	454	S13 and friction	US-PGPUB; USPAT	OR	ON	2008/09/22 11:51
S15	4670	((poly\$imide or pi or poly adj imide) and (fluorine or fluoro\$7)) near resin	US-PGPUB; USPAT	OR	ON	2008/09/22 13:19
S16	2310	S15 and S1	US-PGPUB; USPAT	OR	ON	2008/09/22 13:20
S17	454	S14 and S16	US-PGPUB; USPAT	OR	ON	2008/09/22 13:20
S18	0	S17 not S14	US-PGPUB; USPAT	OR	ON	2008/09/22 13:20
S19	201	S13 and "428".clas.	US-PGPUB; USPAT	OR	ON	2008/09/22 13:24
S20	385	S17 not S19	US-PGPUB; USPAT	OR	ON	2008/09/22 13:41
S21	6	(US-20030162027-\$ or US-20020001689-\$ or US-20070092307-\$).did. or (US-6764414-\$ or US-4703076-\$ or US-5759647-\$).did.	US-PGPUB; USPAT	OR	ON	2008/09/22 14:13

## EAST Search History

S22	3	S21 and thermoplastic	US-PGPUB; USPAT	OR	ON	2008/09/22 14:13
S23	1041584	polymer or poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/14 12:46
S24	466477	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/10/14 12:46
S25	1993073	Friction or resistan\$3 or abras\$2	US-PGPUB; USPAT	OR	ON	2008/10/14 12:49
S26	100437	catheter	US-PGPUB; USPAT	OR	ON	2008/10/14 12:51
S27	16950	S23 and S24 and S25 and S26	US-PGPUB; USPAT	OR	ON	2008/10/14 12:52
S29	53	(S24 with S25) same S23 same S26	US-PGPUB; USPAT	OR	ON	2008/10/14 12:53
S30	253	(S24 with S25) same S23 and S26	US-PGPUB; USPAT	OR	ON	2008/10/14 12:58
S31	200	S30 not S29	US-PGPUB; USPAT	OR	ON	2008/10/14 12:58
S32	0	("2008/0149211").URPN.	USPAT	OR	ON	2008/10/14 13:10
S33	7	US-20030207078-\$.DID. OR US-5582886-\$.DID. OR US-5083168-\$.DID. OR US-5471288-\$.DID. OR US-5999788-\$. DID. OR US-4942007-\$.DID. OR US-4238538-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/10/14 13:26
S34	0	US-6298952-\$.DID. OR US-7178741-\$.DID. OR US-6258969-\$.DID.	EPO; JPO	OR	ON	2008/10/14 13:28
S35	1	US-5411779-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/10/14 13:29
S36	3	"11436053" "10527417" "11545777"	US-PGPUB; USPAT	OR	ON	2008/10/14 13:31
S37	4	(US-20080149211-\$. or US-20030207078-\$.).did. or (US-5411779-\$. or US-5582886-\$.).did.	US-PGPUB; USPAT	OR	ON	2008/10/14 14:35
S39	2	S37 and (friction or precipitat\$3)	US-PGPUB; USPAT	OR	ON	2008/10/14 14:36
S40	6	"5695467"	US-PGPUB; USPAT	OR	ON	2008/10/15 09:21
S41	0	"10591988"	DERWENT	OR	ON	2008/10/15 10:56
S42	779999	Friction or resistan\$3 or abras\$2	EPO; JPO	OR	ON	2008/10/15 10:56
S43	306197	polymer or poly\$imide or pi or poly adj imide	EPO; JPO	OR	ON	2008/10/15 10:56
S44	12541	catheter	EPO; JPO	OR	ON	2008/10/15 10:57
S45	73445	fluorine or fluoro\$10	EPO; JPO	OR	ON	2008/10/15 10:57
S46	6	S43 and S44 and S45 and S42	EPO; JPO	OR	ON	2008/10/15 10:57
S47	35431	poly\$imide or pi or poly adj imide	EPO; JPO	OR	ON	2008/10/15 10:59

## EAST Search History

S48	0	S47 and S44 and S45 and S42	EPO; JPO	OR	ON	2008/10/15 10:59
S49	52607	tongue and groove	US-PGPUB; USPAT	OR	ON	2008/10/16 08:43
S50	7470	sheet and flooring	US-PGPUB; USPAT	OR	ON	2008/10/16 08:43
S51	828	S49 and S50	US-PGPUB; USPAT	OR	ON	2008/10/16 08:43
S53	1644	(428/34.1).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:48
S54	1185	(428/35.2).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:48
S55	462	(428/35.4).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:48
S56	282	(428/35.5).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:48
S57	3289	(428/35.7).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S58	783	(428/36.6).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S59	1526	(428/36.9).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S60	1601	(428/36.91).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S61	732	(428/36.92).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S62	2624	(428/421).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S63	1702	(428/473.5).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S64	321	(428/78).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S65	1280	(138/137).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S66	1059	(138/141).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S67	973	(138/145).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:49
S68	759	(604/93.01).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 12:50
S71	73572	fluorine or fluoro\$10	EPO; JPO	OR	ON	2008/10/20 12:55
S72	35488	poly\$imide or pi or poly adj imide	EPO; JPO	OR	ON	2008/10/20 12:55
S78	292001	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/20 12:58
S79	1042903	polymer or poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/20 12:59

## EAST Search History

S80	2685	(S53 or S54 or S55 or S56 or S57 or S59 or S60 or S61 or S62 or S63 or S64 or S65 or S66 or S67 or S68) and (S79 and S78)	US-PGPUB; USPAT	OR	ON	2008/10/20 12:59
S82	467104	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/10/20 13:04
S83	3764	(S53 or S54 or S55 or S56 or S57 or S59 or S60 or S61 or S62 or S63 or S64 or S65 or S66 or S67 or S68) and (S79 and S82)	US-PGPUB; USPAT	OR	ON	2008/10/20 13:04
S84	1325	S80 not S83	US-PGPUB; USPAT	OR	ON	2008/10/20 13:09
S85	2404	S83 not S80	US-PGPUB; USPAT	OR	ON	2008/10/20 13:09
S86	74788	(polytetrafluor\$3 near ethylene) or ptfe or polychlorotriflor\$3 near ethylene or pctfe or pfa or fep	US-PGPUB; USPAT	OR	ON	2008/10/20 13:34
S87	1644	(428/34.1).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S88	1185	(428/35.2).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S89	462	(428/35.4).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S90	282	(428/35.5).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S91	3289	(428/35.7).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S92	1526	(428/36.9).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S93	1601	(428/36.91).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S94	732	(428/36.92).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S95	2624	(428/421).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S96	1702	(428/473.5).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S97	321	(428/78).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S98	1280	(138/137).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S99	1059	(138/141).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S10 0	973	(138/145).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35
S10 1	759	(604/93.01).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/10/20 13:35

## EAST Search History

S10 2	1042903	polymer or poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 3	467104	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 4	3764	(S87 or S88 or S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96 or S97 or S98 or S99 or S100 or S101) and (S102 and S103)	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 5	1227	S86 and S104	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 6	292001	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 7	2685	(S87 or S88 or S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96 or S97 or S98 or S99 or S100 or S101) and (S102 and S106)	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 8	641	S86 and S107	US-PGPUB; USPAT	OR	ON	2008/10/20 13:35
S10 9	0	("2008/0149211").URPN.	USPAT	OR	ON	2008/10/20 13:37
S11 1	1360	(S87 or S88 or S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96 or S97 or S98 or S99 or S100 or S101) and (S103 and S106)	US-PGPUB; USPAT	OR	ON	2008/10/20 14:20
S11 3	558	S111 and S86	US-PGPUB; USPAT	OR	ON	2008/10/20 14:21
S11 5	1644	(428/34.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S11 6	1185	(428/35.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S11 7	462	(428/35.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S11 8	282	(428/35.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S11 9	3292	(428/35.7).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 0	1528	(428/36.9).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 1	1602	(428/36.91).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 2	733	(428/36.92).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 3	2626	(428/421).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 4	1704	(428/473.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 5	321	(428/78).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48

# EAST Search History

S12 6	1280	(138/137).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 7	1059	(138/141).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 8	973	(138/145).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S12 9	760	(604/93.01).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/21 07:48
S13 0	1043517	polymer or poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/21 07:48
S13 1	467378	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/10/21 07:48
S13 2	292229	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/21 07:48
S13 3	2691	(S115 or S116 or S117 or S118 or S119 or S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128 or S129) and (S130 and S132)	US-PGPUB; USPAT	OR	ON	2008/10/21 07:48
S13 4	1363	(S115 or S116 or S117 or S118 or S119 or S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128 or S129) and (S131 and S132)	US-PGPUB; USPAT	OR	ON	2008/10/21 07:48
S13 8	1	"5554426".pn.	US-PGPUB; USPAT	OR	ON	2008/10/21 14:13
S13 9	1	"5554425".pn.	US-PGPUB; USPAT	OR	ON	2008/10/21 14:13
S14 0	1	"20070259147"	US-PGPUB; USPAT	OR	ON	2008/10/21 14:22
S14 1	0	("2007/0259147").URPN.	USPAT	OR	ON	2008/10/21 14:22
S14 2	91	("3017339"   "3133854"   "3352714"   "3455774"   "3457139"   "3473087"   "3507763"   "3676181"   "4188426"   "4272585"   "4293663"   "4330017"   "4343861"   "4353763"   "4358559"   "4564662"   "4603712"   "4634615"   "4636272"   "4654235"   "4718568"   "4731156"   "4743327"   "4748204"   "4749610"   "4758455"   "4770929"   "4800109"   "4826731"   "4887647"   "4898638"   "4933060"   "4943473"   "4995028"   "5008340"   "5051978"   "5056512"   "5059480"   "5077115"   "5081326"   "5089200"   "5108780"   "5124876"   "5141800"   "5170011"   "5284184"   "5357005").PN. OR ("5554425").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:22
S14 3	9	"5582886"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:27

## EAST Search History

S14 4	9	("5021109").PN. OR ("5582886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:28
S14 6	1	"5582886".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:28
S14 7	9	("5021109").PN. OR ("5582886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:28
S14 8	467378	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/10/21 14:29
S14 9	292229	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/21 14:29
S15 0	8	S147 and S148 and S149	US-PGPUB; USPAT	OR	ON	2008/10/21 14:29
S15 1	1	"6039084".pn.	US-PGPUB; USPAT	OR	ON	2008/10/22 10:44
S15 2	1	"4172182".pn.	US-PGPUB; USPAT	OR	ON	2008/10/22 10:45
S15 3	468060	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/10/23 14:58
S15 4	251	S153 near ((inner or inside or second or third) and outer or outside)	US-PGPUB; USPAT	OR	ON	2008/10/23 14:58
S15 5	292727	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/10/23 14:59
S15 6	58	S154 and S155	US-PGPUB; USPAT	OR	ON	2008/10/23 14:59
S15 7	53	"5798563"	US-PGPUB; USPAT	OR	ON	2008/10/23 15:25
S15 8	1	"5798563".pn.	US-PGPUB; USPAT	OR	ON	2008/10/23 15:25
S15 9	0	GB0319911	US-PGPUB; USPAT	OR	ON	2008/10/23 16:10
S16 0	0	GB0319911	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 16:10
S16 1	2	"0319911"	US-PGPUB; USPAT;	OR	ON	2008/10/23 16:10
S16 2	0	"0319911D"	EPO; JPO; DERWENT  US-PGPUB; USPAT;	OR	ON	2008/10/23 16:11
S16 3	0	walter and aughenbaugh and Martucci	US-PGPUB; USPAT	OR	ON	2008/10/23 16:23

## EAST Search History

S16 4	469327	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/11/05 08:21
S16 5	293767	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/11/05 08:21
S16 6	3735	S165 same S164 and (catheter or medical)	US-PGPUB; USPAT	OR	ON	2008/11/05 08:21
S16 8	383	S165 same S164 same (catheter or medical)	US-PGPUB; USPAT	OR	ON	2008/11/05 08:24
S16 9	236287	fluorine or fluoro\$10 and (PTFE or PFA or PCTFE or FEP or PETFE or ((poly\$1tetrafluor\$4 or poly\$1chlorotrifluor\$4) near ethylene))	US-PGPUB; USPAT	OR	ON	2008/11/05 08:27
S17 0	1	"4498902".pn.	US-PGPUB; USPAT	OR	ON	2008/11/05 08:36
S17 1	52	("3559643"   "3742958"   "3769975").PN. OR ("4498902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 08:36
S17 2	16	S164 and S171	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 08:36
S17 3	211	catheter and smith.in.	DERWENT	OR	ON	2008/11/05 08:42
S17 4	0	catheter and smith.in. and ross.in.	DERWENT	OR	ON	2008/11/05 08:43
S17 5	8	"0012167" or "9633764" or "4832687".pn. or "4817604".pn. or "20030009174" or "2006020673"	DERWENT	OR	ON	2008/11/05 08:45
S18 3	167209	fluorine or fluoro\$10	DERWENT	OR	ON	2008/11/05 08:52
S18 4	0	S175 and S183	US-PGPUB; USPAT	OR	ON	2008/11/05 08:52
S18 6	2003156	Friction or resistan\$3 or abradi\$2	US-PGPUB; USPAT	OR	ON	2008/11/05 08:54
S18 7	278	S168 and S186	US-PGPUB; USPAT	OR	ON	2008/11/05 08:54
S18 8	1	"9117782"	DERWENT	OR	ON	2008/11/05 09:26
S18 9	1	"20080139719"	DERWENT	OR	ON	2008/11/05 12:23
S19 0	1	"07388869"	US-PGPUB; USPAT	OR	ON	2008/11/05 13:01
S19 1	123	muni.in.	US-PGPUB; USPAT	OR	ON	2008/11/05 13:02
S19 4	469327	fluorine or fluoro\$10	US-PGPUB; USPAT	OR	ON	2008/11/05 13:03
S19 5	47	S191 and S194	US-PGPUB; USPAT	OR	ON	2008/11/05 13:03



## EAST Search History

S19 6	293767	poly\$imide or pi or poly adj imide	US-PGPUB; USPAT	OR	ON	2008/11/05 13:04
S19 7	18	S191 and S194 and S196	US-PGPUB; USPAT	OR	ON	2008/11/05 13:04
S19 8	35	("4058578"   "4634432"   "4636346"   "4638982"   "4690175"   "4739768"   "4748805"   "4775371"   "4817613"   "4821722"   "4840622"   "4848344"   "4917667"   "4944745"   "4955862"   "4960410"   "5040548"   "5047045"   "5061273"   "5074845"   "5078702"   "5312356"   "5370655").PN. OR ("5569196").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 13:04
S19 9	3	S198 and S194 and S196	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 13:05